Agriculture

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD

INDEX

TO VOLUME 76

January 1969 to December 1969

SUBJECT . . pages ii-vi AUTHOR . . pages vii-viii

				Pages
No.	1. JANUARY 1969)	 	1-48
No.	2. FEBRUARY 19	69	 	49-96
No.	3. MARCH 1969		 	97-154
No.	4. APRIL 1969		 	155-202
No.	5. MAY 1969		 	203-252
No.	6. JUNE 1969		 	253-308
No.	7. JULY 1969		 	309-356
No.	8. AUGUST 1969		 	357-404
No.	9. SEPTEMBER 19	969	 	405-478
No.	10. OCTOBER 1969		 	479-526
No.	11. NOVEMBER 19	69	 	527-580
No.	12. DECEMBER 19	69	 	581-628

LONDON: HER MAJESTY'S STATIONERY OFFICE 1969

VOL. 76

JANUARY 1969—DECEMBER 1969

SUBJECT INDEX

A Better Way 394 Agricultural Chemicals Approval Scheme 48, 96, 148, 202, 252, 308, 404, 478, 580, 628 Agricultural Mechanization 429

Agricultural Research 411

Agricultural Colleges: North of Scotland Agricultural College-Craibstone, Aberdeen 18 Seale-Hayne-Re-shaping a Farm 56

Agriculture in the time of the Prince Regent 439 Animal Health 420 Airfields: Restoration of War-time 71

Appearance of Farm Buildings 118 Apple Orchard: Intensive 203

Automation of Fixed Farm Machinery 214

Bacon Curing Industry in Britain 357 Barley Yellow Dwarf Virus in Cereals 361 B.B.C.-Farm management programme 522 Beef:

Beef and Veal in the Common Market 133 Co-operation in the Beef Industry 186 Intensive Beef Production 228 Semi-intensive Beef on a Mixed Farm 310 Zero-Grazing for 18-month Beef Production 593

Bought Calves 397 British Agriculture 464 British Cheeses 584 **British Farming 445 Broadleaves 146**

Brussels Sprouts-Change-over to Mechanical Harvesting 190

Bulb Onions -Part 1 509 -Part 2 540

Bought Calves 397 Co-operation in Dairy Farming 173 Co-operation in the Beef Industry 186 Dairy Cattle in the Ukraine 23 Dairy Herd Expansion 383 Intensive Beef Production 228 Mechanized Feeding of Dairy Cows 368 Once-a-Day Feeding of Calves 66 Slatted Floors for Fattening Cattle 364 Some Thoughts on Large Cow Units 5 Zero-Grazing for 18-month Beef Production 593

Cereals: Barley Yellow Dwarf Virus in Cereals 361 Future for Maize in Britain 65 Grain Maize in Southern England? 530 Mercury Tolerance in Leaf Spot of Oats 97 New film on cereal cultivation 353 Wheat without Ploughing 497

Changing Face of Retailing 177
Change-over to Mechanical Harvesting of Brussels Sprouts 190 Cheeses: British 584

Children on the farm 398 Cloches and Polythene Tunnels for Vegetables Beef and Veal in the Common Market 133

Common Market:

Producer Associations in France 324 Producer Associations in the E.E.C. Sugar Marketing in the Common Market 9 Commons Registration Act 1965 295 Co-operation:

in Dairy Farming 173 in Lamb Marketing 483 in Road Making 114 in the Beef Industry 186 Countryside Act 1968 208

Cow Cubicles for the Larger Herd 316 Cowhouses to Calfhouses 349 Cow Kennels: National Survey of 242

Cracked eggs 575

Craibstone, Aberdeen-A North of Scotland College Farm 18

Dairy Buildings: Efficiency in 274 Dairy Cattle in the Ukraine 23 Dairy Farming at High Land Prices 619

Dairy Herd Expansion 383 Dairy Buildings Report 502 Designing a Horticultural Packing Shed 301 Development of Underdrainage Design

Part 1 389 Part 2 487

Devon farm survey 91 Dimensional Co-ordination 253 Disappearence of Farm Buildings 581 Diseases (Livestock and Crops):

Barley Yellow Dwarf Virus in Cereals 361

Fireblight 523

Mercury Tolerance in Leaf Spot of Oats 97 Disposal of Farm Waste-Mechanization 137 Drainage:

Development of Underdrainage Design -Part 1 389

Part 2 487 Dried Peas 493

Easier Calf Feeding on the Small Farm 573 Efficiency in Dairy Building 274 Efficiency in Pig Buildings 333 Eggs:

Cracked eggs 575 Eggs from hen to housewife 472 Eggs in Caernarvonshire 111

Farm Buildings:

Appearance of Farm Buildings 118 Cow Cubicles for the Larger Herd 316 Cowhouses to Calfhouses 349 Designing a Horticultural Packing Shed 301 Disappearance of Farm Buildings 581 Efficiency in Dairy Buildings 274 Efficiency in Pig Buildings 333 Farm buildings and amenity 352 Farm Buildings and the Brucellosis (Accredited Herd) Scheme 39 Farm Buildings in the Twentieth Century 434 Farm Dairy Buildings Report 502 Flow Movements within Farm Buildings 87 Housing the Large Dairy Herd 546 Modern Materials for Farm Buildings 126

Farm Buildings: (cont.)

National Agricultural Centre 282

National Survey of Cow Kennels 242 Plastic Structures 102

Pig Housing 267

Some Thoughts on Large Cow Units 5

Tower silos and the landscape 553

Vice in the piggery 198 Work Study in Farm Buildings 155

Farm Business:

Management of Farming Capital 233

Farm Gate Selling of Fruit and Vegetables 218

Farm Dairy Buildings Report 502 Farming Cameo: Series 4

19. South West Hampshire 37 20. South West Herefordshire 85

21. West Huntingdonshire 141

22. North Hertfordshire 194 23. Isle of Wight 240

24. Sevenoaks, Kent 29925. Lancaster 347

26. Leicestershire 392

27. Lincoln (Kesteven) 517

28. Merioneth 571

29. West Monmouthshire 617 Farm Management:

B.B.C.-Farm Management Programme 522 Farm Management Advisory Work 425 Management of Farming Capital 233

Farm Produce for the Supermarkets 99 Farm Rents in 1968 179

Farm Safety:

Children on the farm 398

Farm Structure on the Somerset Lowlands 15 Farm Waste-Mechanization: Disposal of 137

Farm Wiring 527
Fat Lamb Marketing in Montgomeryshire 107

Feeding and Feedingstuffs:

Easier Calf Feeding on the Small Farm 573 Formic acid silage 246

Least Cost Pig Rations 313

Mechanized Feeding of Dairy Cows 368 Once-a-Day Feeding of Calves 66 Fen Peats: Soil Mixing to Preserve 612

Fewer milk producers but more milk 305 Fiftieth Anniversary of the N.I.A.B. (1919-1969)

Fireblight 523

Flow Movements within Farm Buildings 87

Food: Changing Face of Retailing 177

Food and the Purse 49

Food Research at the National College of

Food Technology 565 Food Research 416

Food Retailing 198
Food Science, Nutrition and Agriculture 338

Growing Potatoes for Crisping 491

Hotels and Catering 342 Our food 522

Producing for the Consumer 165

Rungis-a new beginning 575

Forestry

Broadleaves 146

Forestry Commissioner's half century 351 Formic acid silage 246

From the ALS: A Better Way 394

Cowhouses to Calfhouses 349

Dairy Farming at High Land Prices 619

From the ALS: (cont.)
Designing a Horticultural Packing Shed 301 Easier Calf Feeding on the Small Farm 573 Farm Buildings and the Brucellosis (Accredited

Herd) Scheme 39

Flow Movements within Farm Buildings 87 Housing the Bull Beef Herd 143

National Survey of Cow Kennels 242

Season your Timber 196 Windbreaks 519

Fruit:

Farm Gate Selling of Fruit and Vegetables 218 Fruit Wines 561

Intensive Apple Orchard 203

Grain Maize in Southern England? 530 Growing Potatoes for Crisping 491 Guide to Statistics 473

Hampshire; South West: Farming Cameo 37 Herefordshire; South West: Farming Cameo 85 Hertfordshire; North: Farming Cameo 194

Hill Farming:

Improving Productivity and Profit on an Upland Sheep Farm 371 Performance Testing of Welsh Mountain

Rams 75

Home-killed Meat 224

Horticulture:

Cloches and Polythene Tunnels for Vegetables 589

Designing a Horticultural Packing Shed 301

Intensive Apple Orchard 203 Springfields 158

Watercress Growing in Hertfordshire 182 Hotels and Catering 342

Housing the Bull Beef Herd 143

Housing the Large Dairy Herd 546 Hundred Years of Seed Testing 616 Huntingdonshire; West: Farming Cameo 141

Improving Productivity and Profit on an Upland Sheep Farm 371 In brief: 90, 146, 198, 245, 304, 351, 397, 472,

522, 575, 623

Infestation control: Pest control 523

Rabbit Survey in West Wales (1961-67) 32

Some facts about stupefying bait (wood

pigeons) 247

Intensive Apple Orchard 203 Intensive Beef Production 228

Intensive Sheep Enterprise 169

Irrigation 262

Isle of Wight: Farming Cameo 240

Kent; Sevenoaks: Farming Cameo 299

Lamb Marketing: Co-operation in 483

Lancaster: Farming Cameo 347

Leicestershire: Farming Cameo 392

Les Halles Centralles 575

Lincoln (Kesteven): Farming Cameo 517 Land Commissioners of England 1894 454

Least Cost Pig Rations 313

Looking into root growth at Letcombe 397

Machinery:

Agricultural Mechanization 429

Automation of Fixed Farm Machinery 214

Change-over to Mechanical Harvesting of

Machinery: (cont.)

Brussels Sprouts 190

Testing agric. p.t.o. shaft guards 247 Management of Farming Capital 233 Meat:

Home-killed meat 224 Meat sterilization 522

Mechanization:

Mechanized Feeding of Dairy Cows 368 Men at work 147

Mercury Tolerance in Leaf Spot of Oats 97 Merioneth: Farming Cameo 571

Fewer milk producers but more milk 305 Solids-not-fat in Wet Seasons 598 Summer milk 558

Ministry's Publications: 41, 84, 154, 181, 223, 303, 337, 403, 438, 521, 579, 611 Modern Materials for Farm Buildings 126 Monmouthshire; West: Farming Cameo 617

National Agricultural Centre 282 National Seed Development Organisation Limited 28 National Survey of Cow Kennels 242 New film on cereal cultivation 353 New Norfolk Agricultural Station 245 Ninth British Weed Control Conference 601

Objectives in Agriculture 42 Oldenburg: The 623 Once-a-Day Feeding of Calves 66

One Hundred and Fifty years ago: Agriculture

in the time of the Prince Regent 439

Onions: Bulb -Part 1 509 -Part 2 540 Our food 522

Norfolk Ducks 506

Outdoor Pig Keeping 60

Dried 493

Pea Growing Research Organisation 575 Peatland reclamation 147

Performance Testing of Welsh Mountain Rams 75

Pests:

Pest control 523

Rabbit Survey in West Wales (1961-67) 32 Some facts about stupefying bait (wood pigeons) 247

Efficiency in Pig Buildings 333 Least Cost Pig Rations 313 Outdoor Pig Keeping 60 Pig Housing 267

Pig Marketing and the Future 320 Vice in the Piggery 198 Plant Pathologist: The Work of 1

Plastic Structures 102

Potatoes:

Growing Potatoes for Crisping 491
Potato Growing in Holland 80
Potatoes in an Urban Society 259
Processing Trends in Potato Production 605 Two co-operatives in the potato market 305

Poultry Norfolk Ducks 506 Poultry Business 304 Processing Trends in Potato Production 605 Processors call the tune 91 Producer Associations in France 324 Producer Associations in the E.E.C. 161

Producing for the Consumer 165 Production of Vegetables for Processing 375

Rabbic Survey in West Wales (1961-67) 32 Radio and Television in Agriculture 460 Re-shaping a Farm 56 Restoration of War-time Airfields 71 Road Making: Co-operation in 114 Rungis-a new beginning 575

Science in Agriculture 406 Seale-Hayne: Re-shaping a Farm 56 Season your Timber 196 Seed Testing: A Hundred Years of 616 Semi Intensive Beef on a Mixed Farm 310 Sheep:

Co-operation in Lamb Marketing 483 Fat Lamb Marketing in Montgomeryshire 107 Improving Productivity and Profit on an Upland Sheep Farm 371

Intensive Sheep Enterprise 169
Performance Testing of Welsh Mountain Rams 75

Silage: Formic acid 245 Slatted Floors for Fattening Cattle 364 Slurry Problem on the Farm 327 Small farm survey 623

Soil Mixing to Preserve Fen Peats 612 Soil Science in the Advisory Service 52 Solids-not-fat in Wet Seasons 598

Somerset Lowlands: Farm Structure on the 15 Some Thoughts on Large Cow Units 5

Special Features: Farm Buildings 273–289 Farm Buildings 545–556 Modern Farm Buildings 117-132

Springfields 158 Statistics: Guide to 473 Students of Agriculture 256 Structure of dairy farming 90 Stupefying bait: Some facts about 247 Subsoiling 291

Sugar Marketing in the Common Market 9 Summer Milk 558

Supermarkets: Farm Produce for the 99 Swedes as a Break Crop 309

Tax Allowances and Grants for Plant and Machinery 514

Testing Agricultural power Take-off Shaft Guards 247

Timber: Season your 196 Tower silos and the landscape 553

Two co-operatives in the potato market 305

Underdrainage Design: -Part 1 389

Part 2 487

University Education in Agriculture 212

Vegetables:

Brussels Sprouts 190 **Bulb Onions** -Part 1 509 Part 2 540

Change-over to Mechanical Harvesting of **Brussels Sprouts 190**

Vegetables: (cont.)

Cloches and Polythene Tunnels for Vegetables 589

Dried Peas 493

Farm Gate Selling of Fruit and Vegetables 218 Growing Potatoes for Crisping 491

Processors call the tune 91

Potato Growing in Holland 80 Potatoes in an Urban Society 259 Processing Trends in Potato Production 605

Production of Vegetables for Processing 375 Two co-operatives in the potato market 305

Vice in the piggery 198

Watercress Growing in Hertfordshire 182 Water in Agriculture 380

Weed Control Conference: Ninth British 601 Welsh National Agricultural College 624

Welsh Agriculture: 75 years of 449

Welsh Plant Breeding Station-50th Aniversary

Wheat without Ploughing 497 Who serve the land 468

Wild duck 245 Wines: Fruit 561 Windbreaks 519

Wiring: Farm 527 Wood Pigeons: Some facts about stupefying bait 246

Work of a Plant Pathologist 1 Work Study: A Better Way 394 Easier Calf Feeding on the Small Farm 573 Work Study in Farm Buildings 155

Wrest Park revelation 472

Zero-Grazing for 18-month Beef Production 593

BOOK REVIEWS

Advances in Pest Control Research (Vol. 8) (Edited by R. L. Metcalf) 577

Agricultural Development and Economic Growth (Edited by Herman M. Southworth and Bruce F. Johnston 95 Agricultural Notebook (15th Edition) (Edited by

Ian Moore) 94

Agricultural Science for Schools and Colleges (E. C. Hewitt and D. J. Brazier) 153

Agricultural Extension (Donald B. Williams) 475 Agriculture in the Australian Economy (Edited by D. B. Williams) 93

Applied Animal Nutrition (2nd Edition) (E. W. Crampton and L. E. Harris) 625

Barley Varieties E.B.C. (3rd Edition) (G. Aufhammer, P. Bergal, A. Hagberg, F. R. Horne and H. Van Veldhuizen) 150
Beef and Dairy Management and Production (N. G. Fowler) 150

Biodeterioration of Materials (Edited by A. H. Walters and J. J. Elphick) 474 British Sheep (Revised Edition 1968) (National Sheep Breeders Association) 525

Cambridgeshire Customs and Folklore (Enid Porter) 627

Cattle Fertility and Sterility (2nd Edition) (S. A. Asdell) 525

Chrysanthemums the Year Round (3rd Edition) (S. A. Searle and B. J. Machin) 46

Control of the Ovarian Cycle in the Sheep (Edited by T. J. Robinson) 151

Critical Review of Research in Land Economics (Leonard A. Salter) 201 Crop Production Equipment (H. T. Lovegrove)

151 Crop Technology (Maurice Eddowes) 627

Daffodil and Tulip Year Book, 1969 (Royal Horticultural Society) 400

Diseases in Free-Living Wild Animals (Edited by A. McDiarmid) 524

Down to Earth (Farming as a Career) (Donald Knight) 355

Early Agricultural Machinery (Michael Partridge) 402

Early Horticulturists (Ronald Webber) 94 Economics of Agricultural Policy (Graham Hallett) 250

English Agriculture in 1850-51 (James Caird) 92 Environmental Conservation (Raymond F. Dasmann) 401 Conservation (2nd Edition)

Farm Animals (F. A. W. Peregrine, A. Fox, A. P. Ingham and A. B. Humphries) 307

Farming in East Anglia (John Young) 149 Farming in the Midlands (Stephen Williams) 47 Farming in the North of England (C. W. Scott)

Farming in the West Country (Norman Hicks) 94 Farming in Wales (Roscoe Howells) 151 Fertilisers and Soils in New Zealand Farming

(C. During) 45

(C. During) 45
Flora Europaea. Vol. II (Rosaceae to Umbelliferae) (Edited by T. G. Tutin) 524
Fundamentals of Forest Biogeocoenology (V. Sukachev and N. Dylis) 149
Fruit Crops (J. B. Duggan) 578
Fundamentals of Modern Agriculture (Edited by

C. D. Blake) 95

Genetics and Animal Breeding (Ivor Johansson and Jan Rendel) 46 Growing Cereals (Imperial Chemical Industries)

Insect Resistance in Crop Plants (R. H. Painter)

Intensive Livestock Farming (W. P. Blount) 45 Inviolable Hills (Robert A de J. Hart) 249

Library Guide to Agriculture and Horticulture (2nd Edition) (K. W. Neal) 476 Little History of Exmoor (Hope L. Bourne) 474 Living for Life 92 Lucerne Crop (R. H. M. Langer) 46

Management of Forests (F. C. Osmaston) 152 Marketing Farm Products (5th Edition) (Geoffrey S. Shepherd and Gene A. Futrell) 577

Minerology in Soil Science and Engineering (Edited by G. W. Kunze, J. L. White and R. H. Rust) 402

Observer's Handbook (3rd Edition) (Meteorological Office) 578

- Oestrogenic Constituents of Forage Plants (E. M. Bickoff) 152
- Organisation and Administration of Agricultural Research (I. Arnon) 250
- Pests of Rice (D. H. Grist and R. J. A. W. Lever)
- Physico-Chemical and Biophysical Affecting the Activity of Pesticides (Society of
- Chemical Industry) 476 Plague on the Cheshire Plain (Edited by H. Hughes and J. O. Jones) 475
- Plant Breeding (William J. C. Lawrence) 201
- Plant Growth Regulators (Society of Chemical Industry) 400
- Plant Viruses (4th Edition) (Kenneth M. Smith) 44 Price Premiums for Quality Beef Steaks Report No. 11 (Dept. of Agricultural Marketing,
- University of Newcastle) 399
 Problems of Birds as Pests (Edited by R. K. Murton and E. N. Wright) 355
- Profitable Pig Farming (Geoffrey Johnson) 401
- Reproduction and Environment (R. L. Holmes)
- Roe Deer of Cranborne Chase (Richard Prior) 149
- Role of Potassium in Agriculture (Edited by V. J. Kilmer, S. E. Younts and N. C. Brady) 401
- Game Advisory Station) 474 Wood Dictionary (Vol. 3) 250 Rural Economy and Country Life in the Medieval West (Georges Duby) 200

- Second Nutrition Conference for Feed Manufacturers (Edited by H. Swan and D. Lewis) 399
- Soil Biology and Biochemistry (Vol. 1. No. 1.)
 (Edited by E. W. Russell and J. S. Waid) 577
 Sheep Husbandry and Diseases (5th Edition)
 (Allan Fraser and John T. Stamp) 306
- Soil Plant Relationship (2nd Edition) (C. A. Black) 354
- Soils of Romney Marsh (Soil Survey of Great Britain) 355
- Some Safety Aspects of Pesticides in the Countryside (Edited by N. W. Moore and W. P. Evans) 306
- Sugar igar Beet Pests (2nd Edition) M.A.F.F. Bulletin No. 162. F. G. W. Jones and R. A. Dunning) 626
- Trade Liberalization and Canadian Agriculture (G. I. Trant, D. I. MacFarlane and L. W. Fischer) 625
- Veterinary Annual 1968 (Edited by W. A. Pool)
- Veterinary Parasitology (2nd Edition) (Geoffrey Lapage) 44
- Wildfowl Management on Inland Waters (Eley

VOL. 76

JANUARY 1969—DECEMBER 1969

AUTHOR INDEX

Arthey, V. D. and Christine Webb: The Produc-tion of Vegetables for Processing 375 Ashton, John: British Farming 445

Bainbridge, A.: Mercury Tolerance in Leaf Spot of Oats 97

Bastiman, B.: Least Cost Pig Rations 313 Boddington, M. A. B. and J. D. Sykes: Outdoor Pig Keeping 60

Brown, Andrew: Change-over to Mechanical

Harvesting of Brussels Sprouts 190
Butler, E. R.: Efficiency in Pig Buildings 333
Butler, E. R. and L. M. Parsons: Efficiency in Dairy Building 274

Button, Henry: One Hundred and fifty years ago Agriculture in the time of the Prince Regent

Camamile, G. H. and Carter, E. S.:

Tax Allowances and Grants for Plant and Machinery 514

Chamberlain, A. N.: Farming Cameo: West Huntingdonshire 141

Charlesworth, R. P.: Pig Marketing and the Future 320

Clark, R. S.: Farm Buildings and the Brucellosis (Accredited Herd) Scheme 39 Collins, Douglas: National Seed Development

Organisation Limited 28 Cox, Sir Gordon: Agricultural Research 411 Cullington, Jenny: Norfolk Ducks 506 Culpin, Claude: Agricultural Mechanization 429

Davies, D. B.: Soil Science in the Advisory Service 52

Davies, Haydn: Dairy Herd Expansion 383 Dickens, C.: Cowhouses to Calfhouses 349 Dight, Richard: Farming Cameo: South West Hampshire 37

Dixon, W. R.: Farming Cameo: West Monmouthshire 617

Doodson, J. K. and P. J. W. Saunders: Barley Yellow Dwarf Virus in Cereals 361

Dunford, W. J.: The Management of Farming

Capital 233 Dunmore, E.: Housing the Bull Beef Herd 143

Ellis, P. R. J.: Co-operation in Lamb Marketing 483

Evans, Hywel E.: 75 Years of Welsh Agriculture

Fletcher, T. W.: British Agriculture 1894-2000 464 Ford, G. W.: Sugar Marketing in the Common Market 9

Francis, G. F.: Once-a-Day Feeding of Calves 66

Galazka, H.: Home-killed Meat 224 Gee, L. W.: The Disappearance of Farm Buildings 581 Gent, G. P.: Dried Peas 493

Hall, Warner K.: Disposal of Farm Waste-Mechanization 137

Halley, John and Ian Moore: Re-shaping a Farm

Halley, R. J., Ian Moore and E. F. Thorpe: Students of Agriculture 256
Hampson, C. P.: Processing Trends in Potato
Production 605

Harding, P. H.: Ninth British Weed Control Conference 601

Harris, P. B.: Mechanized Feeding of Dairy **Cows 368**

Harrison, J. P.: Pig Housing 267 Hart, R.: Swedes as a Break Crop 309 Harvey, Nigel:

Slatted Floors for Fattening Cattle 364

Farm Buildings in the Twentieth Century 434 Haslam, H.: Producing for the Consumer 165 Haywood, M. P. S.: Eggs in Caernarvonshire 111 Heath, J. E.: Cloches and Polythene Tunnels for Vegetables 589

Hibler, J. W. and G. P. F. Little: Growing Potatoes for Crisping 491

Hill, G. A.

Potato Growing in Holland 80

Farming Cameo: South West Herefordshire 85 Hogg, W. H.: Water in Agriculture 380 Holmes, A. W.: Food Research 416

Hooper, Henry J.: The Slurry Problem on the farm 327 Hope, R.: Solids-not-fat in Wet Seasons 598 Horne, F. R. and D. S. Kimber: Fiftieth Anni-

versary of the N.I.A.B. (1919-1969) 534 Howse, R. E.: Designing a Horticultural Packing Shed 301

Hunter, N. D.: Flow Movements with Farm **Buildings 87**

Jameson, F. W. and A. Rowlands: Improving Productivity and Profit on an Upland Sheep Farm 371

Jarvis, B. and A. J. Reynolds: Food Research at the National College of Food Technology 565 Johnson, W.: Farm Structure on the Somerset Lowlands 15

Jones, D. D.: Commons Registration Act 1965 295 Jones-Davies, D. M. O.: Farming Cameo: North Hertfordshire 194

Jones, Ivor: Farming Cameo: Merioneth 571 Jones, Pat: Some Thoughts on Large Cow Units

Kimber, D. S. and F. R. Horne: Fiftieth Anniversary of the N.I.A.B. (1919-1969) 534 Kinghorn, W. J.: Restoration of war-time airfields 71

Lawrence, H. H.: Farm Wiring 527 Lester-Card, A.: Co-operation in Dairy Farming 173

Little, G. P. F. and J. W. Hibler: Growing Potatoes for Crisping 491
Little, R. C., R. W. Swain and R. Thomas:
Subsoiling 291
Livesey, B.: Zero-Grazing for 18-month Beef

Production 593

Lloyd, H. G. and K. C. Walton: Rabbit Survey in West Wales (1961-67) 32

Lucas, I. A. M.: University Education in Agriculture 212

Maddever, Kathleen: British Cheeses 584 Maddox, J. M.: Craibstone, Aberdeen-A North of Scotland College Farm 18

Mair, R. B. and S. C. Meadowcroft: Intensive Beef Production 228

Mardon, A. W.: Farming Cameo: Lincoln (Kesteven) 517

Martin, J.: Hotels and Catering 342 Mathieson, I. B.: Cow Cubicles for the Larger Herd 316

Meadowcroft, S. C. and R. B. Mair: Intensive Beef Production 228 Menneer, R. R.: Easier Calf Feeding on the Small Farm 573

Miers, R. H.: Development of Underdrainage Design -Part 1 389

-Part 2 487

Moore, Ian, R. J. Halley and E. F. Thorpe: Students of Agriculture 256

Moore, Ian and John Halley: Re-shaping a Farm 56 Morgan, H. E. G.: Fat Lamb Marketing in

Montgomeryshire 107 Nicholson, R. S.: Farming Cameo: Lancaster 347

O'Hanlon, S. R.: Food and the Purse 49 Potatoes in Urban Society 259 Who serve the Land 468

Page-Wood, A.: Farming Cameo: Sevenoaks, Kent 299

Pamley, Jean: Springfields 158

Parsons, D. A. B.: Co-operation in Road Making 114 Parsons, L. M.:

Dairy Cattle in the Ukraine 23 National Survey of Cow Kennels 242

Land Commissioners of England 1894 454 Parsons, L. M. and E. R. Butler: Efficiency in

Dairy Building 274

Peachey, P. R.: Farming Cameo: The Isle of Wight 240 Grain Maize in Southern England? 530

Peart, B.: Farm Management Advisory Work 425 Pepper, P. S.: A Better Way 394

Phillips, Llywelyn: The Welsh Plant Breeding Station 479

Pizer, Norman: Science in Agriculture 406 Prentice, I. W.: The Work of a Plant Pathologist 1 Pyke, Magnus: Food Science, Nutrition and Agriculture 338

Reeve-Smith, L. E.: The Changing Face of Retailing 177

Reid, John: Animal Health 420

Reynolds, A. J. and B. Jarvis: Food Research at the National College of Food Technology 565 Rickard, R. C.

Organization of Markets for Beef and Veal in the Common Market 133 Producer Associations in the E.E.C. 161 Producer Associations in France 324 Bacon Curing Industry in Britain 357

Riding, P. G. M.: Farm Dairy Buildings Report

Rintoul, R. J.: Dairy Farming at High Land Prices 619

Robinson, C.: Work Study in Farm Buildings

Round, F. J.: An Intensive Sheep Enterprise 169 Round, K. M.: Farm Gate Selling of Fruit and Vegetables 218

Rowlands, A. and F. W. Jameson: Improvng Productivity and Profit on an Upland Sheep Farm 371

Rundle, J. R.: The Countryside Act 1968 208

Saunders, P. J. W. and J. K. Doodson: Barley Yellow Dwarf Virus in Cereals 361

Sigsworth, George: Radio and Television in Agriculture 460

Smith, Graham: Automation of Fixed Farm

Machinery 214
Smith, J.: Soil Mixing to Preserve Fen Peats 612
Spink, N. W.: Housing the Large Dairy Herd 546
Swain, R. W., R. Thomas and R. C. Little: Subsoiling 291 Stephenson, R.

W.: Farm Produce for the Supermarkets 99 Sykes, J. D. and M. A. B. Boddington: Outdoor

Pig Keeping 60

Thomas, R., R. W. Swain and R. C. Little: Subsoiling 291 Thomson, J. R.: A Hundred Years of Seed

Testing 616

Thorpe, E. F., Ian Moore and R. J. Halley: Students of Agriculture 256

Thorpe, E. N.: Plastic Structures 102 Turner, S. E.: Farming Cameo: Leicestershire 392

Walker, C. D.: The Intensive Apple Orchard 203 Walton, K. C. and H. G. Lloyd: Rabbit Survey in West Wales (1961-67) 32 Ward, J. C.: Fruit Wines 561

Webb, Christine and V. D. Arthey: The Production of Vegetables for Processing 375 Weller, John B.: Appearance of Farm Buildings

Wellings, L. W.: Irrigation 262 White, J.: Co-operation in the Beef Industry 186 White, J. Noel: Tower silos and the landscape 553

Whitehead, T.: Watercress Growing in Hertfordshire 182

Whitwell, J. D.: **Bulb Onions**

-Part 1 509 -Part 2 540

Whybrew, J. E.: Wheat without Ploughing 497 Wilcox, J. C.: Summer Milk 558

Williams, Gwynn L.: Performance Testing of Welsh Mountain Rams 75

Winch, P. H.: Windbreaks 519

Woodhams, L.: Dimensional Co-ordination 253

Yabsley, T. V.: Season your Timber 196 Young, J. D.

Modern Materials for Farm Buildings 126 National Agricultural Centre 282